

C.O.C.: ---

REPORT No. B16-18740

Report To:

ATCO Structure & Logistics
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Attention: Rick Gaulton

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DATE RECEIVED: 04-Jul-16

JOB/PROJECT NO.: Raw Drinking Water - Char Lake

DATE REPORTED: 12-Jul-16

P.O. NUMBER:

SAMPLE MATRIX: Drinking Water

WATERWORKS NO.

			Client I.D.	Raw Drinking Water-Char Lake	Treated - Turbidity		
			Sample I.D.	B16-18740-1	B16-18740-2		
			Date Collected	29-Jun-16	04-Jul-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
TDS (Calc. from Cond.)	mg/L		Calc.	06-Jul-16	230		
Turbidity	NTU	0.1	SM 2130	05-Jul-16/O	1.4	2.0	
Surfactants Content	mg/L	0.05	SM-5540-C	12-Jul-16/O	< 0.05 ²		
Chloride	mg/L	0.5	SM4110C	04-Jul-16/O	21.1		
Fluoride	mg/L	0.1	SM4110C	04-Jul-16/O	0.1		
Nitrate (N)	mg/L	0.1	SM4110C	04-Jul-16/O	< 0.1		
Sulphate	mg/L	1	SM4110C	04-Jul-16/O	45		
Dissolved Organic Carbon	mg/L	0.2	EPA 415.1	06-Jul-16/O	0.6		
Phenolics	mg/L	0.001	MOEE 3179	07-Jul-16/O	< 0.001		
Arsenic	mg/L	0.0001	EPA 200.8	05-Jul-16/O	0.0002		
Barium	mg/L	0.001	SM 3120	05-Jul-16/O	0.012		
Cadmium	mg/L	0.00002	EPA 200.8	05-Jul-16/O	< 0.00002		
Chromium (VI)	mg/L	0.002	MOE E3056	05-Jul-16/O	< 0.002 ¹		
Chromium	mg/L	0.002	SM 3120	05-Jul-16/O	< 0.002		
Iron	mg/L	0.005	SM 3120	05-Jul-16/O	0.033		
Lead	mg/L	0.00002	EPA 200.8	05-Jul-16/O	0.00006		
Manganese	mg/L	0.001	SM 3120	05-Jul-16/O	0.003		
Selenium	mg/L	0.001	EPA 200.8	05-Jul-16/O	< 0.001		
Silver	mg/L	0.00002	EPA 200.8	05-Jul-16/O	< 0.00002		
Zinc	mg/L	0.005	SM 3120	05-Jul-16/O	< 0.005		
Cyanide (Total)	µg/L	5	SM4500CN	05-Jul-16/R	< 5		

¹ Chromium (VI) result is based on total chromium

² Subcontracted to Niagara Analytical

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

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Gord Murphy
Lab Supervisor